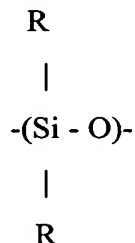


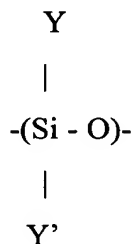
CLAIMS

1. A foam control composition comprising a polydiorganosiloxane fluid comprising units of the formula

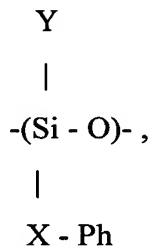


where each group R, which may be the same or different, is selected from an alkyl group having 1 to 36 carbon atoms or an aryl group or aralkyl group having up to 36 carbon atoms, the mean number of carbon atoms in the groups R being at least 1.3, and an additive composition having a melting point of at least 35°C comprising 5-50 parts by weight of a non-polar polyol ester (A) which is a polyol substantially fully esterified by carboxylate groups each having 7 to 36 carbon atoms and 50-95 parts by weight of a component (B) which is miscible with component (A) and is more polar than component (A), at least one of (A) and (B) being miscible with the polysiloxane fluid.

2. A foam control composition according to Claim 1, characterized in that the polydiorganosiloxane fluid is a polysiloxane comprising at least 10% diorganosiloxane units of the formula

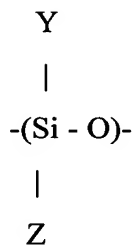


and up to 90% diorganosiloxane units of the formula

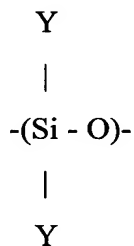


wherein X denotes a divalent aliphatic organic group bonded to silicon through a carbon atom; Ph denotes an aromatic group; Y denotes an alkyl group having 1 to 4 carbon atoms; and Y' denotes an aliphatic hydrocarbon group having 1 to 24 carbon atoms.

3. A foam control composition according to Claim 1, characterized in that the polydiorganosiloxane fluid is a polysiloxane comprising 50-100% diorganosiloxane units of the formula



and optionally up to 50% diorganosiloxane units of the formula

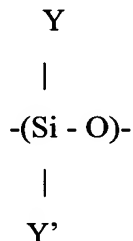


wherein Y denotes an alkyl group having 1 to 4 carbon atoms and Z denotes an alkyl group having 6 to 18 carbon atoms.

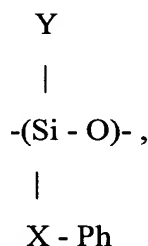
4. A foam control composition according to any of Claims 1 to 3, characterized in that the polyol ester (A) is a glycerol triester.
5. A foam control composition according to any of Claims 1 to 4, characterized in that the polyol ester (A) is substantially fully esterified by carboxylate groups each having 14 to 22 carbon atoms.
6. A foam control composition according to any of Claims 1 to 5, characterized in that the component (B) contains unesterified –OH groups which are more polar than the carboxylate ester groups of polyol ester (A).
7. A foam control composition according to Claim 6, characterized in that the component (B) is a glycerol mono- or di-ester of a carboxylic acid having 8 to 30 carbon atoms.
8. A foam control composition according to Claim 7, characterized in that the additive composition comprises 10-50 parts by weight glycerol tristearate and 50-90 parts by weight glycerol monostearate and/or glycerol distearate.
9. A foam control composition according to Claim 6, characterized in that the component (B) is an alkylphenol in which the alkyl substituent or substituents has a total of 6 to 12 carbon atoms.
10. A foam control composition according to Claim 6, characterized in that the component (B) is an ethoxylated fatty alcohol which contains 1 to 10 oxyethylene units and in which the alkyl group of the fatty alcohol contains 14 to 24 carbon atoms.
11. A foam control composition according to any of Claims 1 to 5, characterized in that the component (B) contains groups more polar than the carboxylate ester groups of polyol ester (A) which are carboxylic acid groups.

12. A foam control composition according to any of Claims 1 to 5, characterized in that the component (B) contains groups more polar than the carboxylate ester groups of polyol ester (A) which are amide or amino groups.

13. A foam control composition comprising a polydiorganosiloxane fluid comprising at least 10% diorganosiloxane units of the formula



and up to 90% diorganosiloxane units of the formula



wherein X denotes a divalent aliphatic organic group bonded to silicon through a carbon atom; Ph denotes an aromatic group; Y denotes an alkyl group having 1 to 4 carbon atoms; and Y' denotes an aliphatic hydrocarbon group having 1 to 24 carbon atoms, and an additive composition having a melting point of at least 35°C comprising 5-50 parts by weight of a non-polar component (A) and 50-95 parts by weight of a component (B) which is miscible with component (A) and is more polar than component (A), at least one of (A) and (B) being miscible with the polysiloxane fluid.

14. A foam control composition according to Claim 13, characterized in that the non-polar component (A) comprises at least one paraffin wax, optionally blended with microcrystalline wax.
15. A foam control composition according to any of Claims 1 to 14, characterized in that the composition further contains an organosilicon resin.

16. A foam control composition according to claim 15, characterized in that the organosilicon resin is a siloxane resin consisting of monovalent trihydrocarbonsiloxy (M) groups of the formula $R''_3SiO_{1/2}$ and tetrafunctional (Q) groups $SiO_{4/2}$ wherein R'' denotes an alkyl group and the number ratio of M groups to Q groups is in the range 0.4:1 to 1.1:1.
17. A foam control composition according to any of Claims 1 to 16, characterized in that the composition further contains a hydrophobic filler with an average particle size of from 0.5 to 30 μ m.
18. A foam control composition according to any of Claims 1 to 17, characterized in that the additive composition is present at 20-200% by weight based on the polysiloxane fluid.
19. A granulated foam control agent comprising a foam control composition according to any of Claims 1 to 18 supported on a particulate carrier.
20. A granulated foam control agent according to Claim 19, characterized in that a water-soluble or water-dispersible binder is also deposited on the carrier particles.
21. A process for the production of a granulated foam control agent according to Claim 19 or Claim 20, characterized in that the polysiloxane fluid optionally containing hydrophobic filler and/or organosilicon resin is mixed with the additive composition and the mixture is deposited on the carrier particles in non-aqueous liquid form.
22. A process according to Claim 21, characterized in that the said mixture is deposited on the carrier particles at a temperature in the range 40-100°C.

23. A process according to Claim 21 or Claim 22, characterized in that a water-soluble or water-dispersible binder is separately deposited on the carrier particles.